Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 00:00 on Monday 01 Jan 2024 until 23:59 on Tuesday 02 Jan 2024

Forecast Issued on Sunday 31 Dec 2023 at 14:07 by Met Office Aberdeen

Confidence: Medium generally, but low for cloud amounts and levels on Monday morning, and cloud and shower details for later days.

Headline for Monday 01 Jan 2024: Rather cloudy in west in morning with hill fog and some showers, snow above about 700m, otherwise bright with sunny intervals and more isolated showers. Fresh summit winds.

Mountain weather hazards on Monday 01 Jan 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Partly cloudy (night)	Fog	Cloudy	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
<05%	10%	10%	30%	20%	10%	<05%	<05%

Forecast for Monday 01 Jan 2024

Weather: Mainly dry overnight with clear spells and widespread frost. Cloud increasing towards morning with some hill fog and some light showers, with snow above 600m, mainly over the Cairngorms and west, then cloud breaking again and becoming dry. Clear evening.

Chance of cloud-free hill tops above 800m: 80% overnight falling 30% in morning, except in east, then improving 70% in afternoon.

Low cloud and visibility: Patchy cloud overnight then area of cloud at 750-900m extending to Cairngorms and west quite early in the morning, tending to break in the afternoon and dispersing in evening. Visibility away from cloud moderate to good, some slight deteriorations in light rain and hill snow showers. Some fog patches possible in the glens in the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 01 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	7/9 SW	9/12 SW	11/16 SW	15/21 W	18/24 W	12/17 SW	11/14 SE	22/29 SE	30/39 SE
900	7/9 SW	10/13 SW	11/14 SW	15/19 SW	16/20 SW	12/16 SW	9/12 SE	17/22 SE	26/33 SE
600	4/6 W	6/9 SW	6/10 SW	9/14 SW	11/16 SW	9/14 SW	6/8 SE	6/9 S	9/13 E
300	3/7 SW	4/9 SW	4/10 SW	4/12 SW	4/12 SW	4/11 S	3/7 SW	3/7 S	4/8 E
Glen	3/9 SW	3/9 SW	4/11 SW	4/13 SW	4/14 SW	4/12 SW	4/10 S	3/8 E	3/9 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-4/-9	-4/-9	-4/-10	-4/-10	-4/-11	-5/-11	-6/-12	-6/-14	-6/-16
900	-1/-4	-1/-5	-1/-6	-1/-7	-1/-7	-1/-7	-1/-6	-2/-8	-3/-11
600	0/-2	0/-2	0/-3	1/-3	1/-3	1/-3	-0/-3	-2/-5	-1/-6
300	0/-1	0/-2	0/-2	1/-1	2/0	2/-0	-0/-3	-2/-4	-1/-4
Glen	1/-1	1/-1	1/-1	0/-2	2/0	3/-0	1/-2	-2/-4	-1/-4
Freezing Level*	800m	700m	700m	700m	700m	700m	500m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Note the low feels like temperatures at modest elevations. Glare on snowcover.

Forecast for Tuesday 02 Jan 2024

Weather: Dry early hours, then outbreaks of rain and snow spreading from south by morning, the snow falling to 400m at first but tending to rise to 700m. Some heavy outbreaks over Strathdon and Lecht with blizzard conditions possible at higher levels in morning but mostly light over the Cairngorms and west.

Maximum wind: Easterly 40 gusts 55mph, easing 20 gusts 30mph later.

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: Extensive cloud bases 450-750m with poor visibility under cloud during heavier outbreaks of rain, snow or drizzle.

Temperature: **Glens:** Plus 1 Celsius rising to Plus 4.
At 800m: Minus 3 Celsius rising to Zero.
Freezing level: 400m rising to 800-900m but some uncertainty.

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